

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051922\
 Data File : VN072562.D
 Acq On : 19 May 2022 18:04
 Operator : JC\MD
 Sample : N2965-04 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31508

Quant Time: May 20 06:55:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051822W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 02:22:47 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

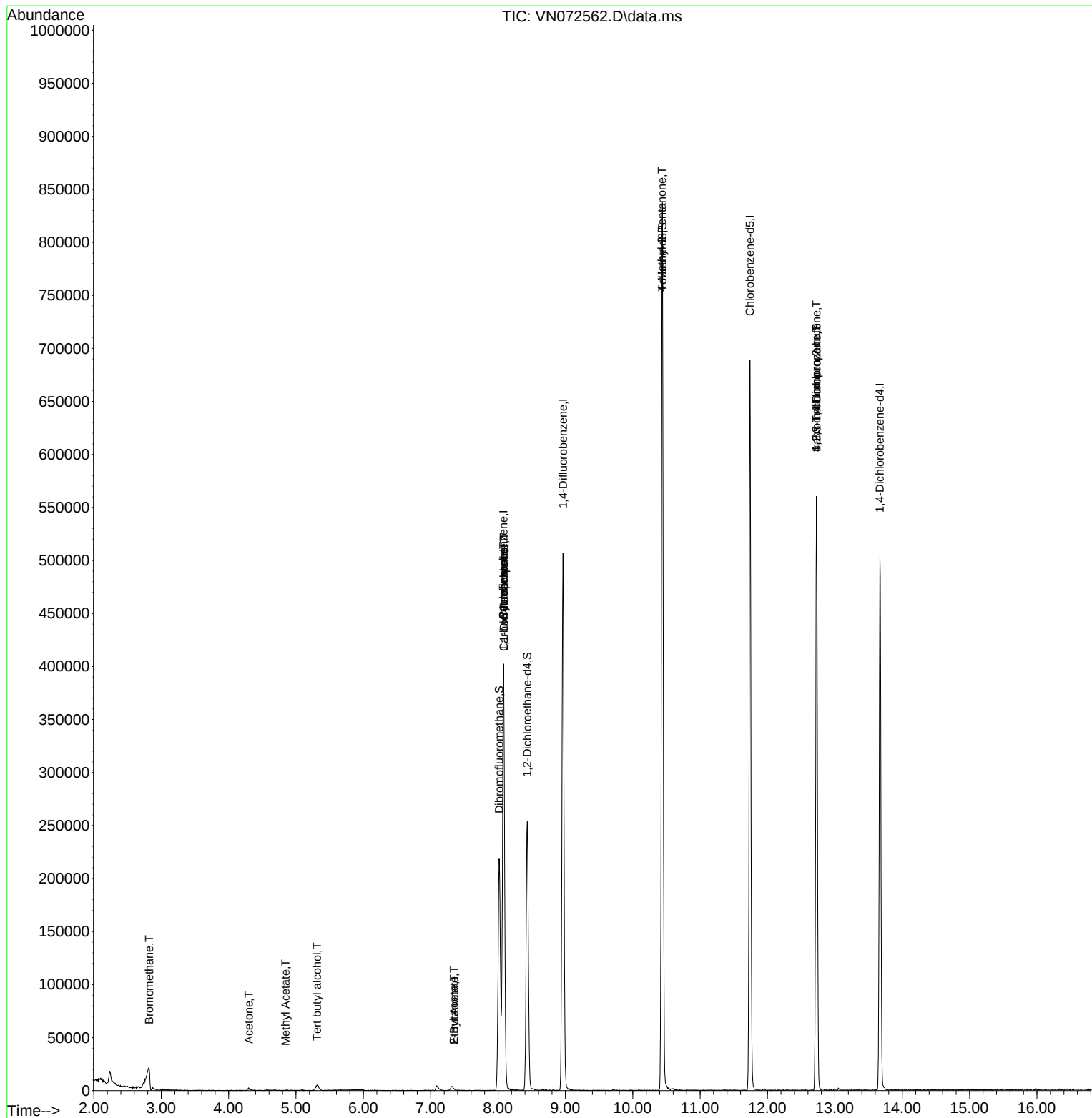
Internal Standards						
1) Pentafluorobenzene	8.080	168	288585	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	428711	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	382097	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	135831	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	236709	52.792	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 105.580%	
35) Dibromofluoromethane	8.016	113	156616	54.143	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 108.280%	
50) Toluene-d8	10.439	98	569488	52.011	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 104.020%	
62) 4-Bromofluorobenzene	12.727	95	187574	45.099	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 90.200%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.822	94	800	0.350	ug/l	# 60
6) Chloroethane	2.916	64	131	Below Cal	#	42
11) Tert butyl alcohol	5.310	59	4988	12.161	ug/l	# 72
16) Acetone	4.298	43	1496	1.101	ug/l	90
18) Methyl Acetate	4.845	43	81	0.300	ug/l	# 48
25) 2-Butanone	7.345	43	1421	0.665	ug/l	# 45
31) Cyclohexane	8.080	56	6285	1.261	ug/l	# 34
36) 1,1-Dichloropropene	8.086	75	23105	5.867	ug/l	# 50
37) Ethyl Acetate	7.345	43	1421	0.328	ug/l	# 67
38) Carbon Tetrachloride	8.086	117	32353	6.638	ug/l	# 17
51) 4-Methyl-2-Pentanone	10.433	43	2752	0.599	ug/l	# 1
76) 1,2,3-Trichloropropane	12.727	75	109414	26.665	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.727	75	109414	111.164	ug/l	# 10

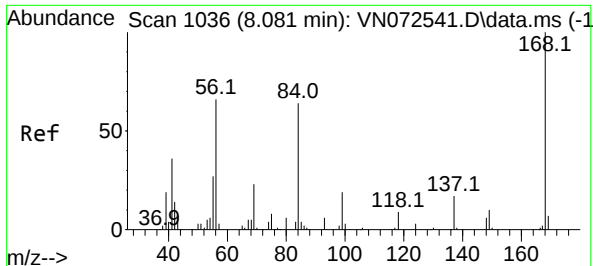
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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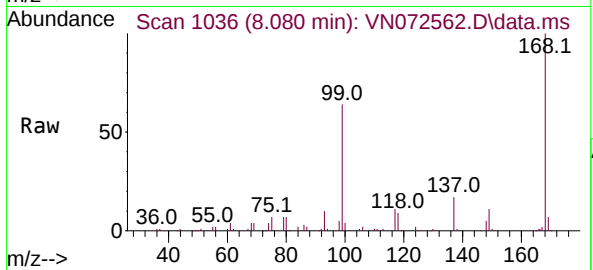
Quant Time: May 20 06:55:17 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051822W.M
Quant Title : SW846 8260
QLast Update : Thu May 19 02:22:47 2022
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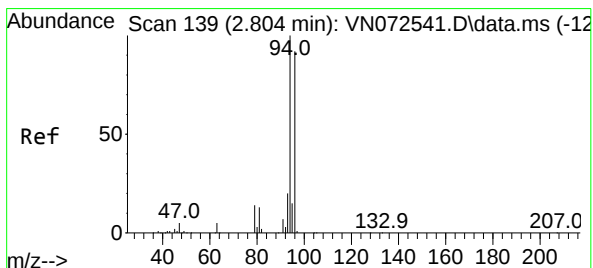
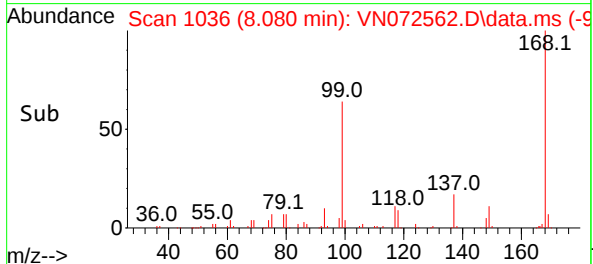
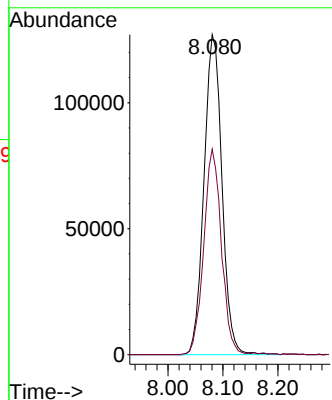


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN072562.D
Acq: 19 May 2022 18:04

Instrument :
MSVOA_N
ClientSampleId :
31508

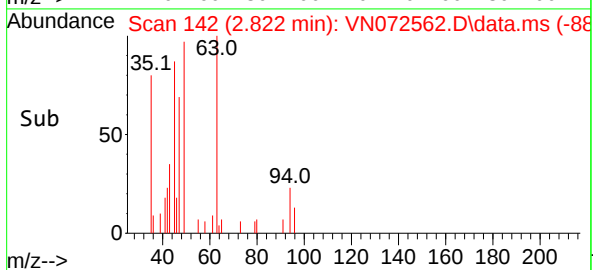
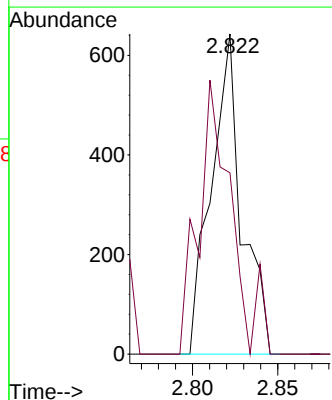
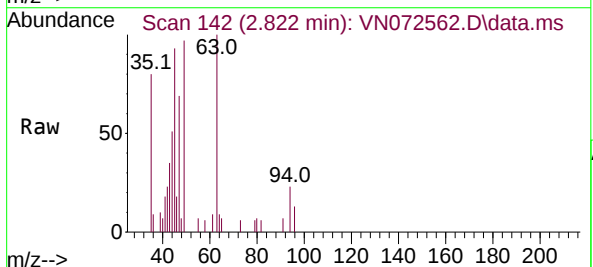


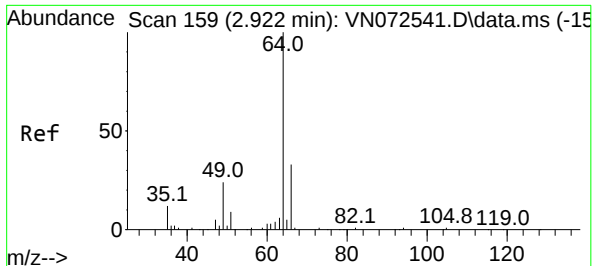
Tgt Ion:168 Resp: 288585
Ion Ratio Lower Upper
168 100
99 64.2 42.3 63.5#



#5
Bromomethane
Concen: 0.350 ug/l
RT: 2.822 min Scan# 142
Delta R.T. 0.018 min
Lab File: VN072562.D
Acq: 19 May 2022 18:04

Tgt Ion: 94 Resp: 800
Ion Ratio Lower Upper
94 100
96 56.6 76.0 114.0#

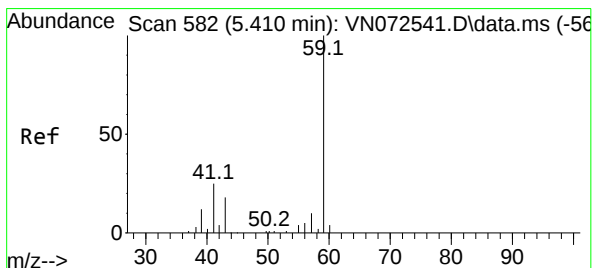
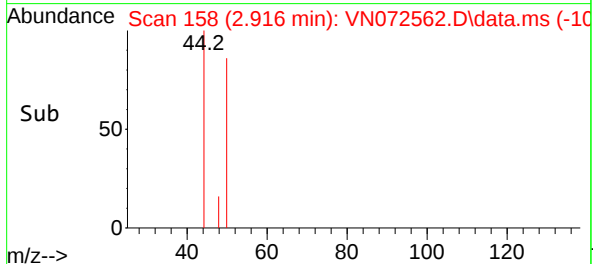
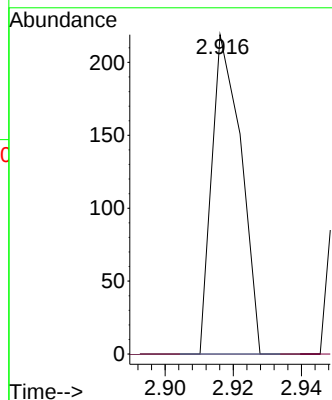
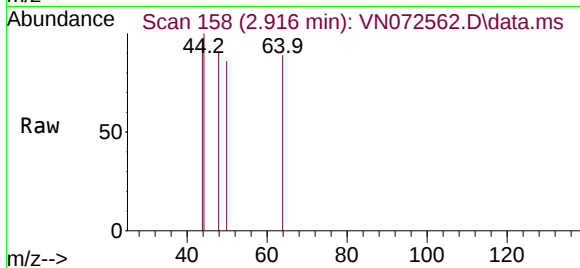




#6
Chloroethane
Concen: Below Cal
RT: 2.916 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN072562.D
Acq: 19 May 2022 18:04

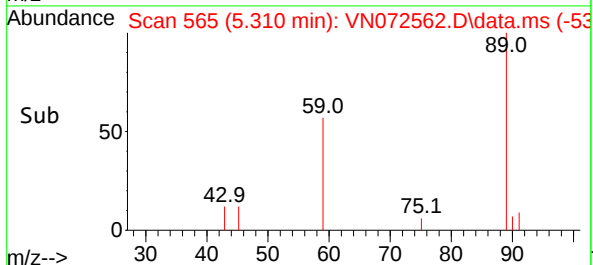
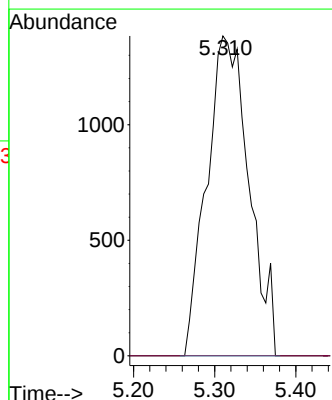
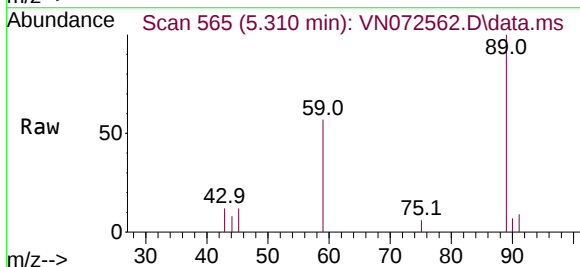
Instrument :
MSVOA_N
ClientSampleId :
31508

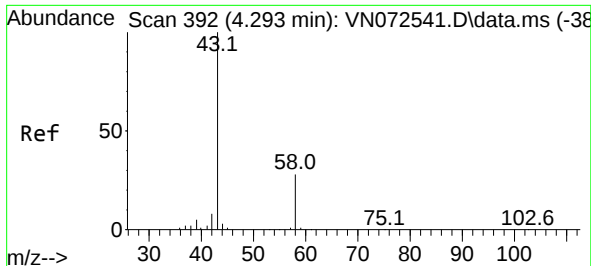
Tgt Ion: 64 Resp: 131
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#11
Tert butyl alcohol
Concen: 12.161 ug/l
RT: 5.310 min Scan# 565
Delta R.T. -0.100 min
Lab File: VN072562.D
Acq: 19 May 2022 18:04

Tgt Ion: 59 Resp: 4988
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

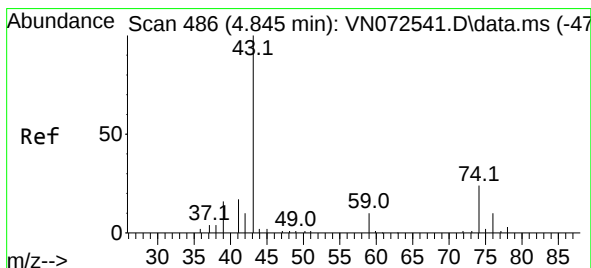
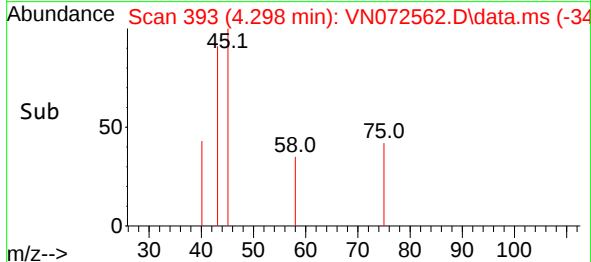
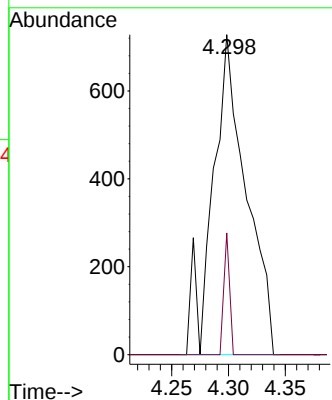
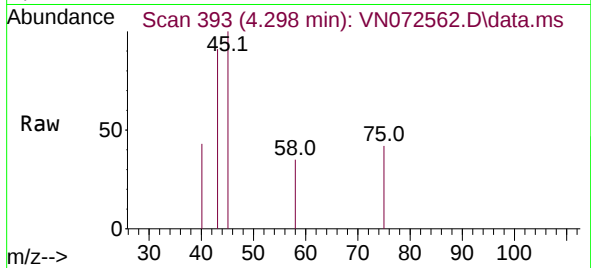




#16
Acetone
Concen: 1.101 ug/l
RT: 4.298 min Scan# 392
Delta R.T. 0.005 min
Lab File: VN072562.D
Acq: 19 May 2022 18:04

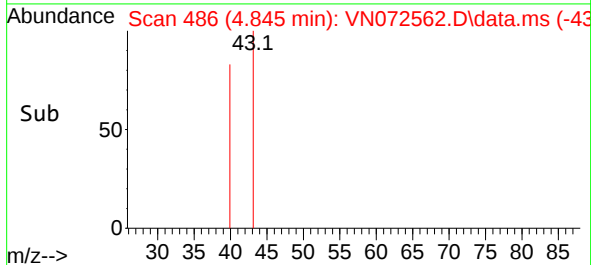
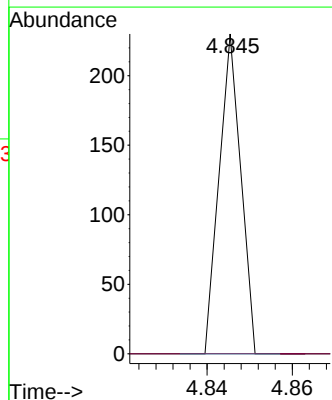
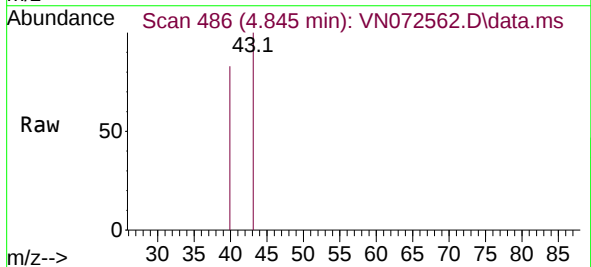
Instrument :
MSVOA_N
ClientSampleId :
31508

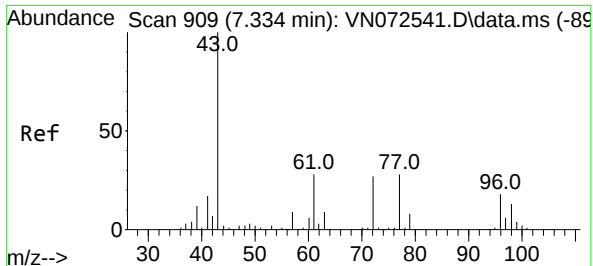
Tgt Ion: 43 Resp: 1496
Ion Ratio Lower Upper
43 100
58 38.0 26.0 39.0



#18
Methyl Acetate
Concen: 0.300 ug/l
RT: 4.845 min Scan# 486
Delta R.T. 0.000 min
Lab File: VN072562.D
Acq: 19 May 2022 18:04

Tgt Ion: 43 Resp: 81
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#





#25

2-Butanone

Concen: 0.665 ug/l

RT: 7.345 min Scan# 91

Delta R.T. 0.011 min

Lab File: VN072562.D

Acq: 19 May 2022 18:04

Instrument :

MSVOA_N

ClientSampleId :

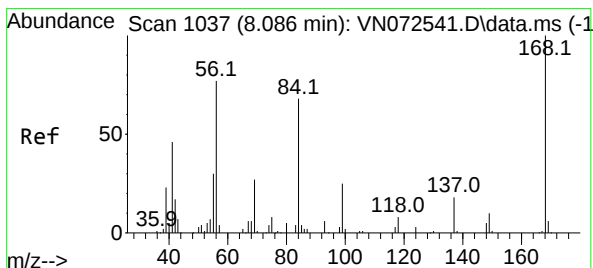
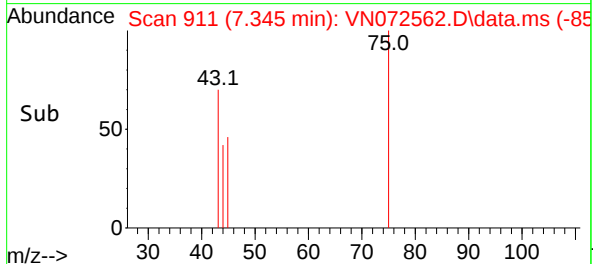
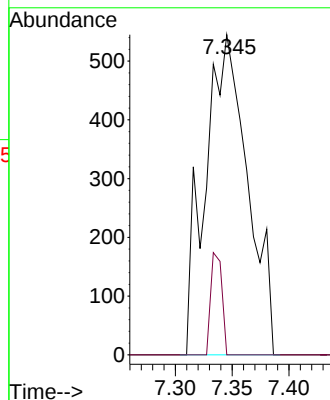
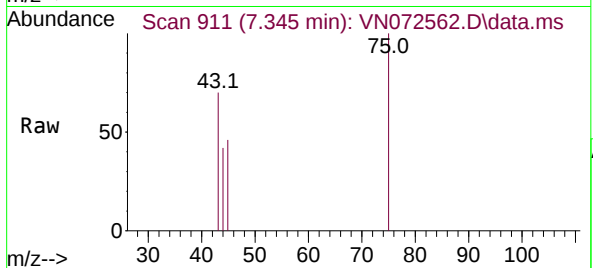
31508

Tgt Ion: 43 Resp: 1421

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#



#31

Cyclohexane

Concen: 1.261 ug/l

RT: 8.080 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VN072562.D

Acq: 19 May 2022 18:04

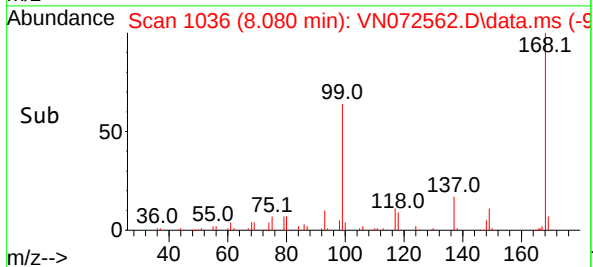
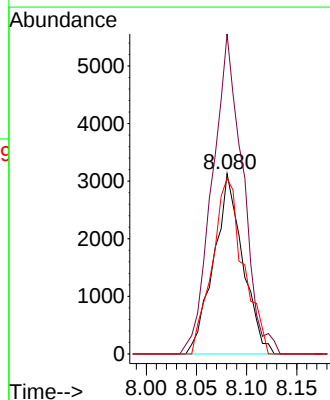
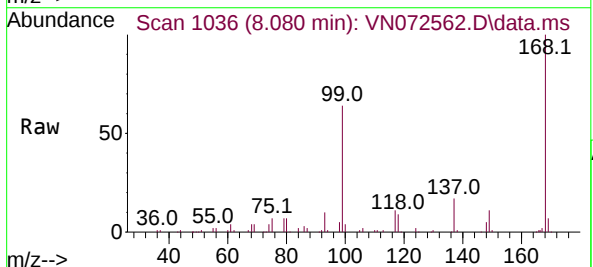
Tgt Ion: 56 Resp: 6285

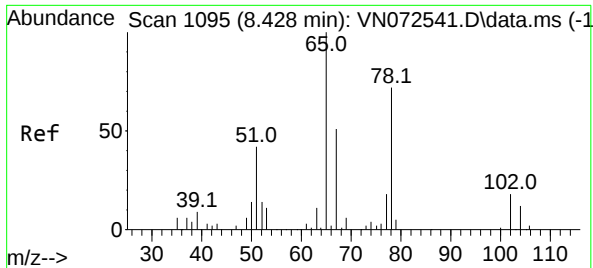
Ion Ratio Lower Upper

56 100

69 177.5 27.8 41.8#

84 97.3 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 52.792 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. 0.005 min

Lab File: VN072562.D

Acq: 19 May 2022 18:04

Instrument :

MSVOA_N

ClientSampleId :

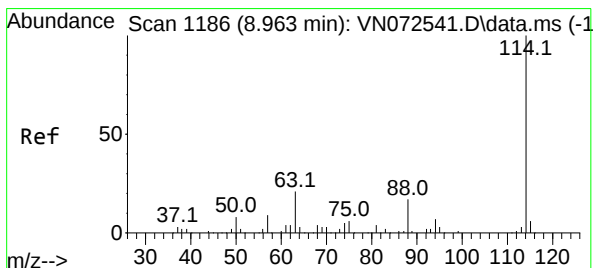
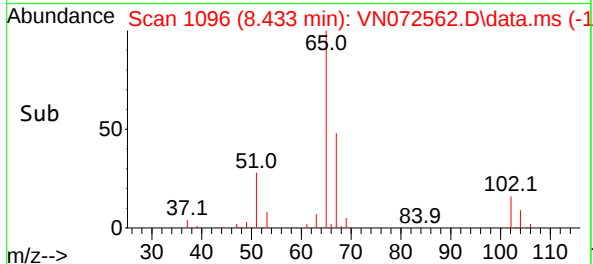
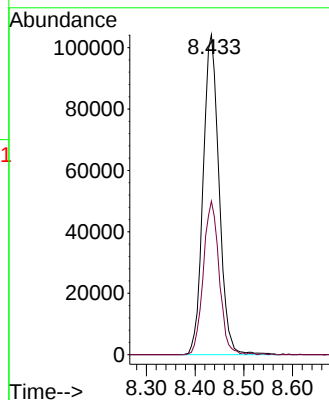
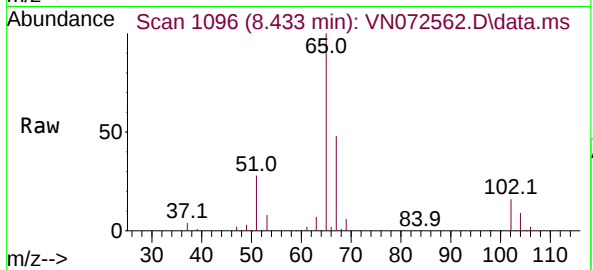
31508

Tgt Ion: 65 Resp: 236709

Ion Ratio Lower Upper

65 100

67 47.5 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072562.D

Acq: 19 May 2022 18:04

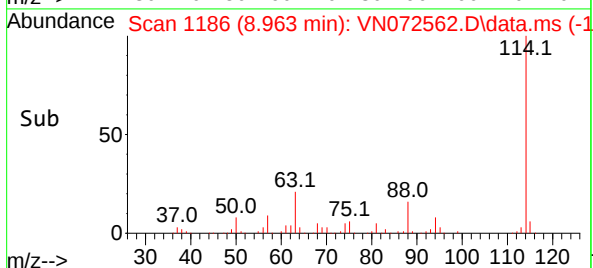
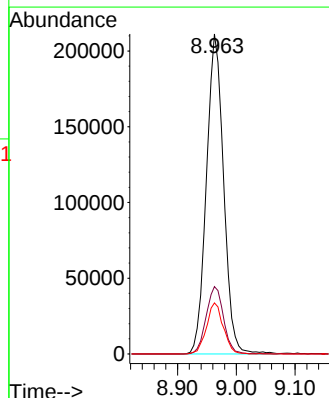
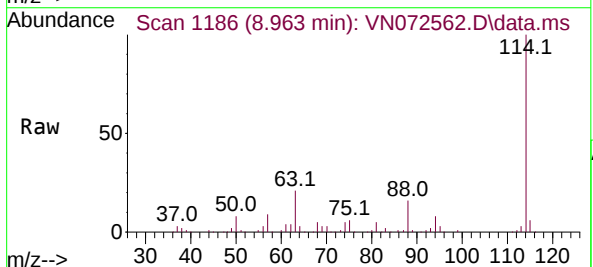
Tgt Ion: 114 Resp: 428711

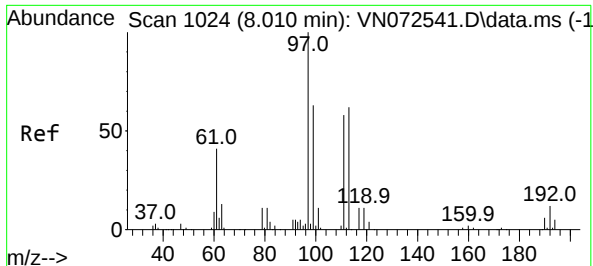
Ion Ratio Lower Upper

114 100

63 21.1 0.0 40.0

88 16.0 0.0 32.6





#35

Dibromofluoromethane

Concen: 54.143 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. 0.006 min

Lab File: VN072562.D

Acq: 19 May 2022 18:04

Instrument :

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31508

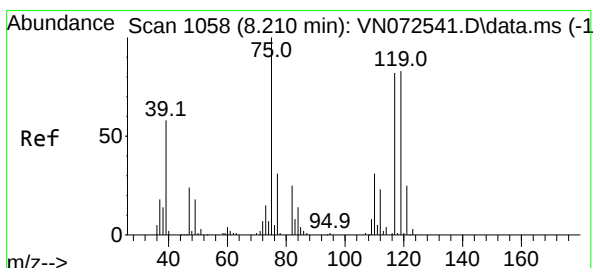
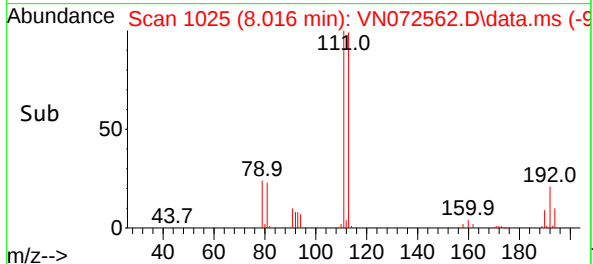
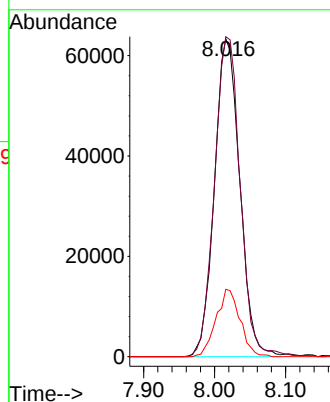
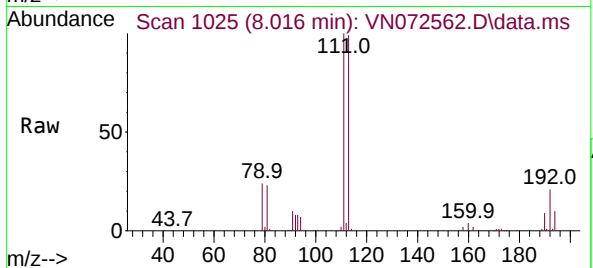
Tgt Ion:113 Resp: 156616

Ion Ratio Lower Upper

113 100

111 102.0 81.4 122.0

192 20.1 17.0 25.6



#36

1,1-Dichloropropene

Concen: 5.867 ug/l

RT: 8.086 min Scan# 1037

Delta R.T. -0.124 min

Lab File: VN072562.D

Acq: 19 May 2022 18:04

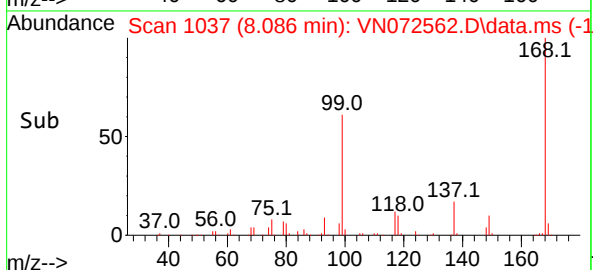
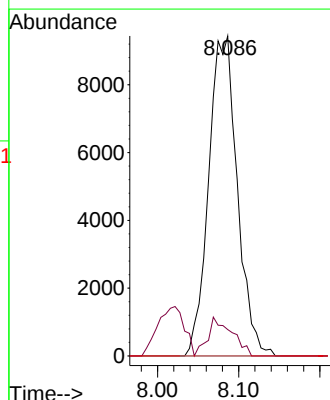
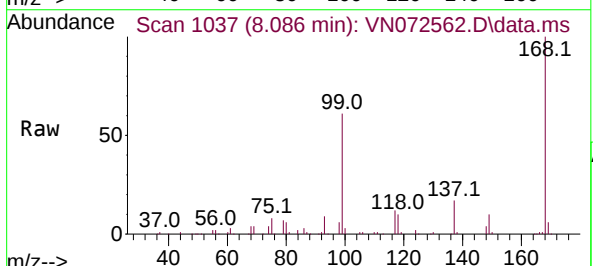
Tgt Ion: 75 Resp: 23105

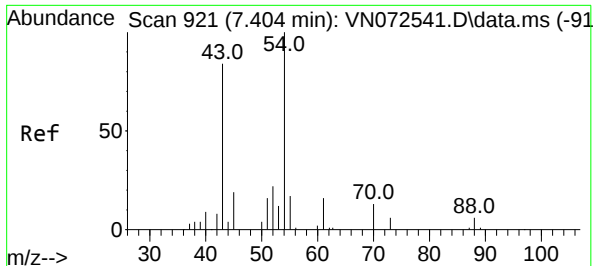
Ion Ratio Lower Upper

75 100

110 10.2 18.3 54.8#

77 0.0 25.1 37.7#





#37

Ethyl Acetate

Concen: 0.328 ug/l

RT: 7.345 min Scan# 91

Delta R.T. -0.059 min

Lab File: VN072562.D

Acq: 19 May 2022 18:04

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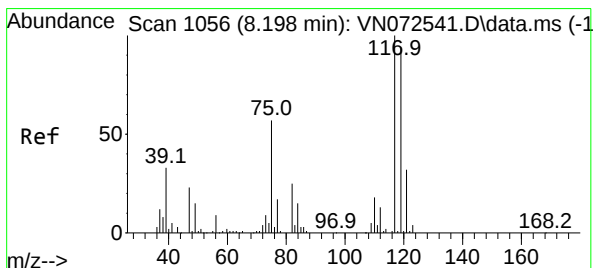
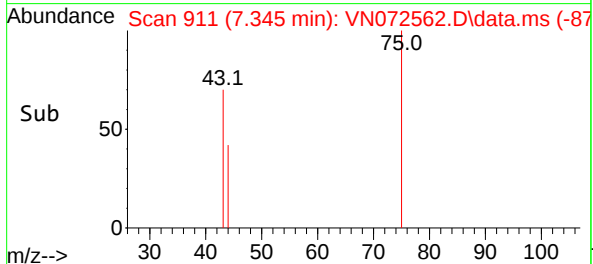
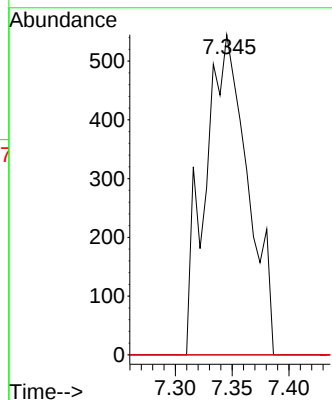
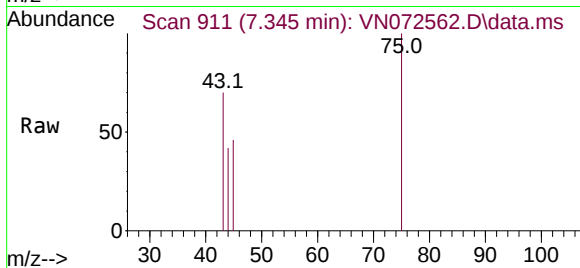
Tgt Ion: 43 Resp: 1421

Ion Ratio Lower Upper

43 100

61 0.0 11.8 17.6#

70 0.0 9.3 13.9#



#38

Carbon Tetrachloride

Concen: 6.638 ug/l

RT: 8.086 min Scan# 1037

Delta R.T. -0.112 min

Lab File: VN072562.D

Acq: 19 May 2022 18:04

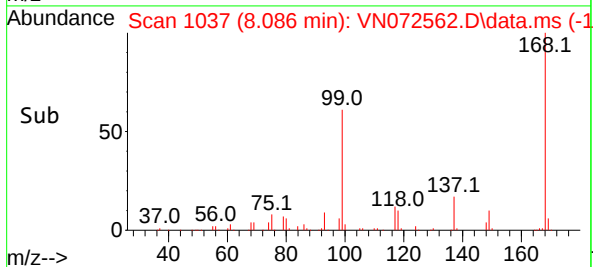
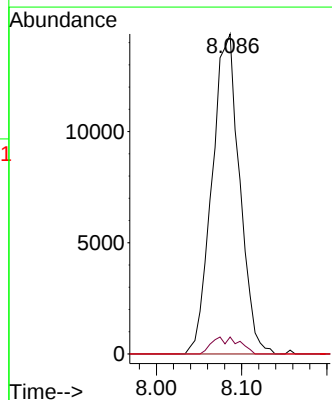
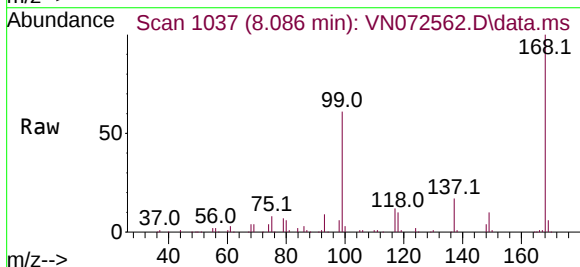
Tgt Ion: 117 Resp: 32353

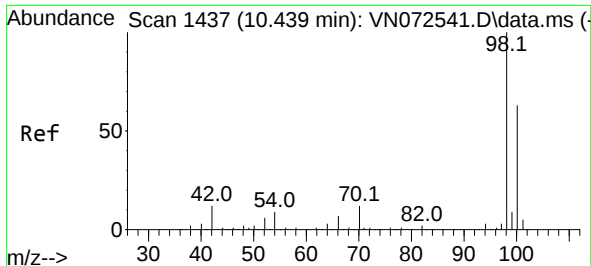
Ion Ratio Lower Upper

117 100

119 5.3 75.8 113.8#

121 0.0 24.6 37.0#

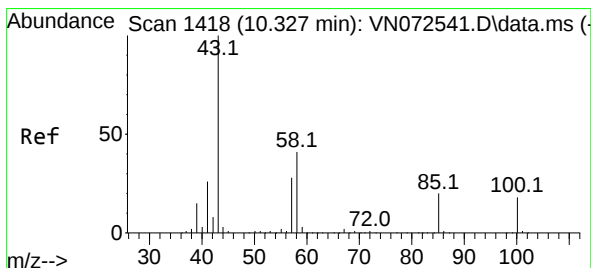
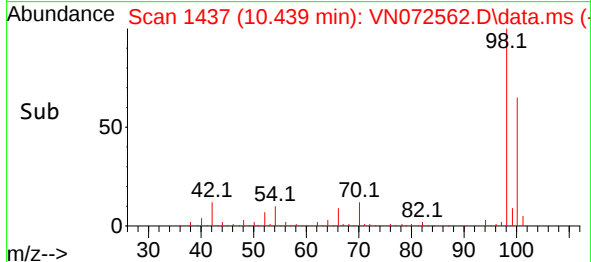
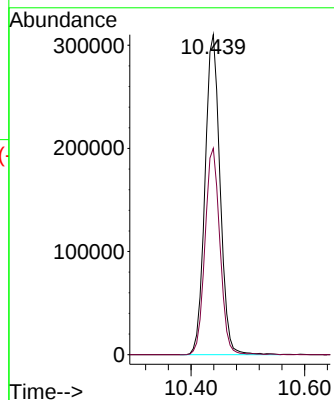
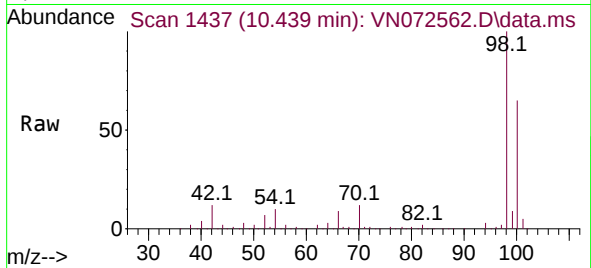




#50
Toluene-d8
Concen: 52.011 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072562.D
Acq: 19 May 2022 18:04

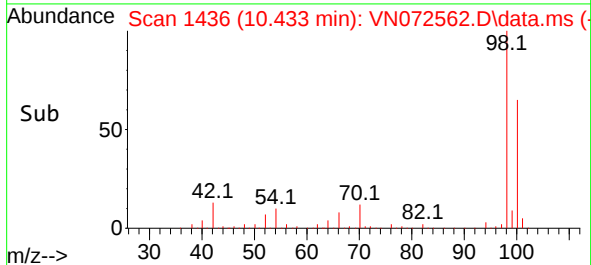
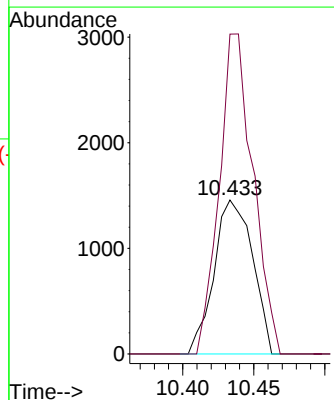
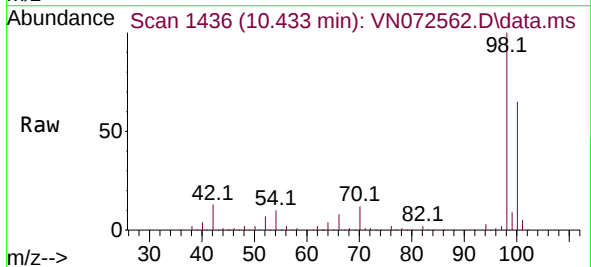
Instrument :
MSVOA_N
ClientSampleId :
31508

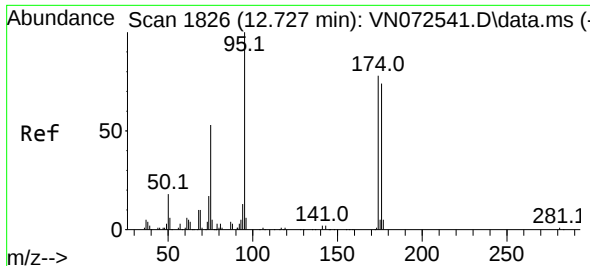
Tgt Ion: 98 Resp: 569488
Ion Ratio Lower Upper
98 100
100 63.8 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.599 ug/l
RT: 10.433 min Scan# 1436
Delta R.T. 0.106 min
Lab File: VN072562.D
Acq: 19 May 2022 18:04

Tgt Ion: 43 Resp: 2752
Ion Ratio Lower Upper
43 100
58 182.4 34.1 51.1#

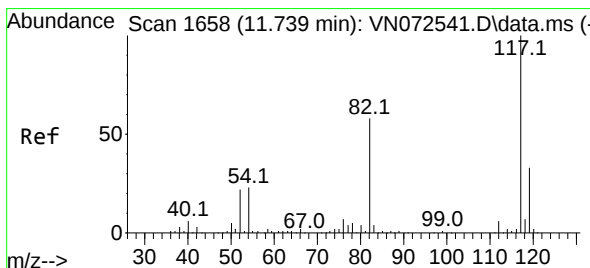
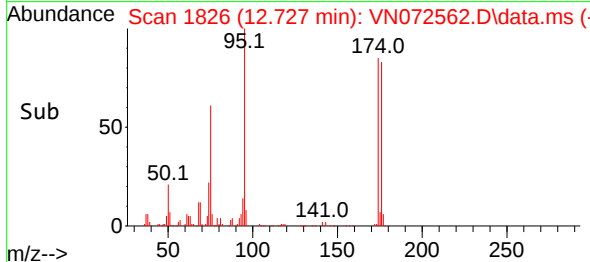
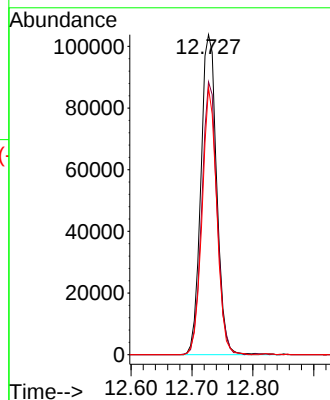
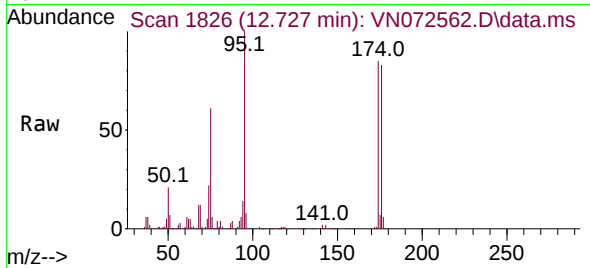




#62
4-Bromofluorobenzene
Concen: 45.099 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072562.D
Acq: 19 May 2022 18:04

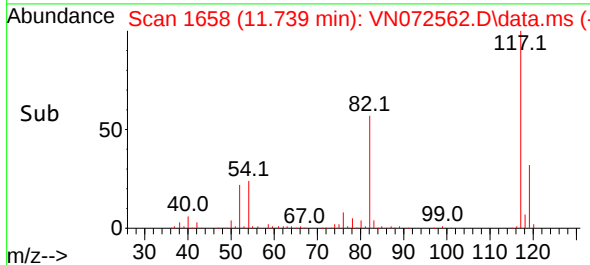
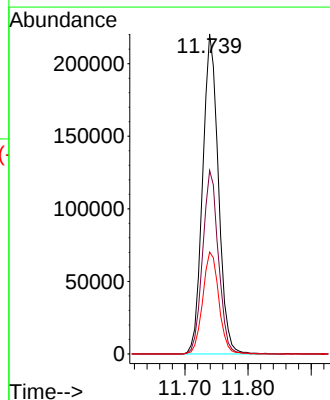
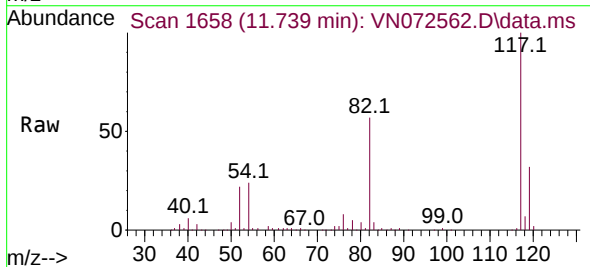
Instrument :
MSVOA_N
ClientSampleId :
31508

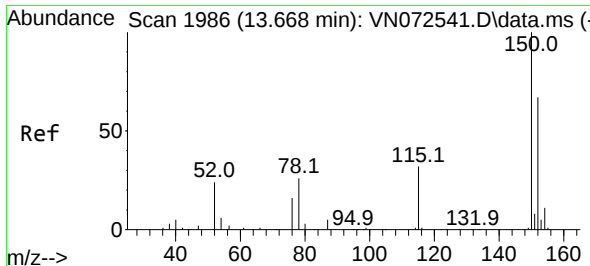
Tgt Ion: 95 Resp: 187574
Ion Ratio Lower Upper
95 100
174 82.1 0.0 167.6
176 77.5 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072562.D
Acq: 19 May 2022 18:04

Tgt Ion: 117 Resp: 382097
Ion Ratio Lower Upper
117 100
82 57.4 44.2 66.2
119 31.8 25.4 38.0

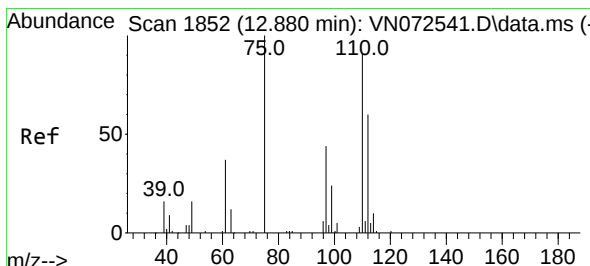
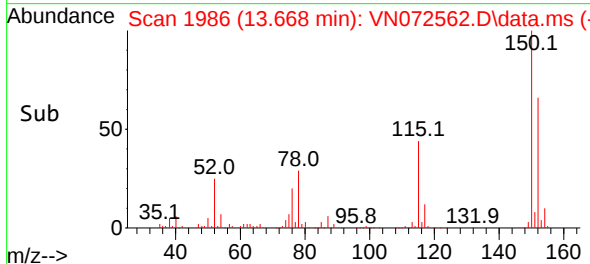
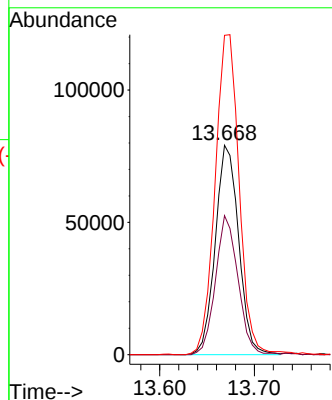
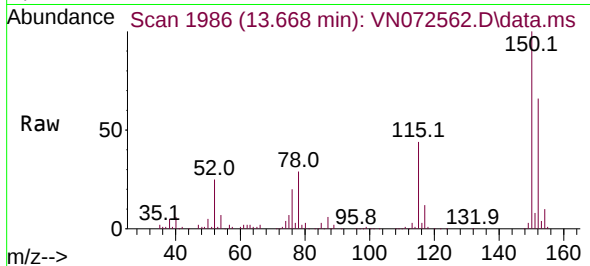




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.668 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN072562.D
 Acq: 19 May 2022 18:04

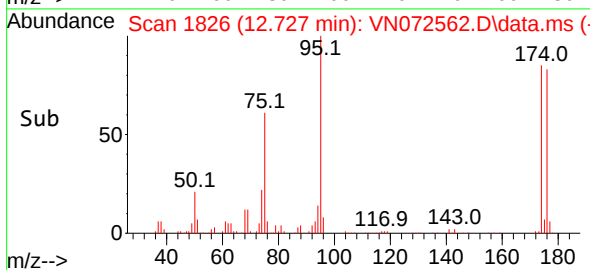
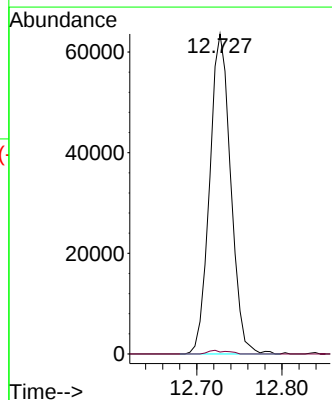
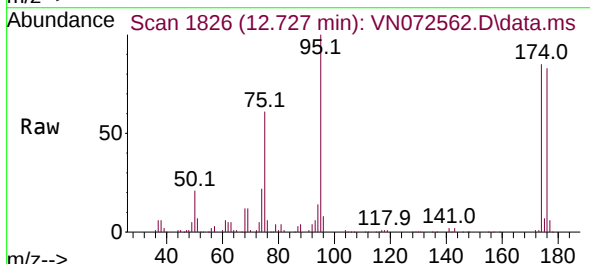
Instrument :
 MSVOA_N
 ClientSampleId :
 31508

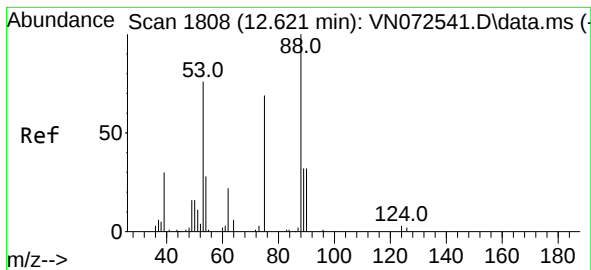
Tgt Ion:152 Resp: 135831
 Ion Ratio Lower Upper
 152 100
 115 63.8 28.9 86.7
 150 157.6 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 26.665 ug/l
 RT: 12.727 min Scan# 1826
 Delta R.T. -0.153 min
 Lab File: VN072562.D
 Acq: 19 May 2022 18:04

Tgt Ion: 75 Resp: 109414
 Ion Ratio Lower Upper
 75 100
 77 1.0 98.5 295.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 111.164 ug/l
 RT: 12.727 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VN072562.D
 Acq: 19 May 2022 18:04

Instrument :
 MSVOA_N
 ClientSampleId :
 31508

Tgt Ion: 75 Resp: 109414
 Ion Ratio Lower Upper
 75 100
 53 0.1 78.0 117.0#
 89 0.0 37.2 55.8#

